

FACILITY	FORESLOPE	DITCH WIDTH ⁽²⁾	BACKSLOPE ⁽³⁾	
			A	B
Freeways	6:1	1.2	4:1 for 20 ft	H ≤ 10 ft; 4:1 H > 10 ft; 3:1
Arterials Rural Collectors	6:1	1.2	4:1 for 20 ft	3:1 max to top
Urban Collectors	Des.: 6:1 Max.: 4:1	1.2	4:1 for 4 ft	3:1 max to top
Rural Local Roads V>45 V≤45	4:1 (max) 3:1 (max)	Des.: 4 ft Min.: "V"	4:1 (max) 3:1 (max)	
Urban Local Streets	3:1 (max)	Des.: 4 ft Min.: "V"	3:1 (max)	

Notes:

- (1) See Section 49-2.0 and 49-3.0 to determine lateral extent of the foreslope in a ditch section.
- (2) In rock cuts, see Section 45-8.0. Figure values may be exceeded where drainage capacity or other considerations warrant.
- (3) Values are for earth cuts and represent maximum slopes. See Section 45-8.0 for typical rock cut sections.

TYPICAL CUT SLOPES
(Non-Curbed Facilities)

Figure 45-3C